



AMENDMENTS TO THE CLAIMS

JUL 08 2005

Listing of Claims:

1-30 (canceled)

31. (currently amended) An assay method for identifying a compound able to modulate the interaction between (i A) ATM (Ataxia-telangiectasia mutated) or ATR (ATM-Rad3-related) and (ii B) p53, the method including the steps of:

(a) bringing into contact ~~(i) or a fragment of (i)~~ ATM or ATR or a fragment of ATM or ATR which phosphorylates p53, (2) p53 or a fragment of p53 which includes a site which is phosphorylated by ~~(i) ATM or ATR~~, and a test compound; and

(b) determining phosphorylation at said site,

wherein an increase or decrease in the phosphorylation at said site in the presence relative to the absence of test compound ~~being~~ is indicative that the compound is able to modulate the interaction between ~~(i)~~ ATM or ATR and ~~(ii)~~ p53.

32-33. (canceled)

34. (previously presented) The method according to claim 31, wherein said compound is able to modulate phosphorylation of p53 by ATM or ATR.

35. (canceled)